

What is claimed is:

1. A lift tool for installation of a clutch assembly or flywheel in a vehicle having a bell housing, the lift tool comprising:

- (a) a mounting bracket which is capable of being secured to the bell housing;
- (b) an elongated lift arm having inner and outer ends; wherein said inner end is pivotably attached to said mounting bracket;
- (c) an elongated rail member supported by said outer end of said elongated arm;
- (d) a hook member which is carried by said rail member and is moveable along said rail member;
- (e) a hanger bracket which is detachably connected to said hook member; wherein said hanger bracket is adapted to support said clutch assembly or flywheel; and
- (f) power means for selectively raising and lowering said outer end of said elongated arm.

2. A lift tool in accordance with claim 1, wherein said mounting bracket includes multiple openings therethrough for alignment with threaded openings in said bell housing.

3. A lift tool in accordance with claim 1, wherein said elongated arm is adapted to pivot about an axis which is parallel to the central axis of said clutch assembly or flywheel.

4. A lift tool in accordance with claim 3, wherein said rail member is perpendicular to said elongated arm.

5. A lift tool in accordance with claim 1, wherein said hook member further comprises a roller which is adapted to roll along the length of said rail member.

6. A lift tool in accordance with claim 1, wherein said hanger bracket further comprises an alignment shaft for sliding engagement with said clutch assembly or flywheel.

7. A method for installing a clutch assembly or flywheel in a bell housing of a vehicle, comprising the steps of:

- (a) pivotably securing an elongated lift arm to said bell housing, wherein said elongated arm includes inner and outer ends, and wherein said outer end is adapted to pivot upwardly and downwardly about said inner end; and wherein said elongated arm further includes an elongated rail member secured to said outer end and projects outwardly therefrom;
- (b) supporting a hook member on said rail member; wherein said hook member is moveable along said rail member;
- (c) supporting a hanger bracket on said hook member;
- (d) slidably engaging said hanger bracket into said clutch assembly or flywheel;
- (e) raising said outer end of said elongated arm to raise said hanger bracket and clutch assembly or flywheel to align said clutch assembly or flywheel with said bell housing; and
- (f) sliding said hook member and said hanger bracket along said rail member to position said clutch assembly or flywheel within said bell housing.